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Attorney's Docket No.: 17109-002001/911

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RESPONSE UNDER 37 CFR §1.116-- EXPEDITED PROCEDURE-- EXAMINING GROUP 1600
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Manuel Vega et al.	Art Unit : 1631
Serial No. : 10/022,249	Examiner : Channing S. Mahatan
Filed : December 17, 2001	Customer No.: 20985
Conf. No. : 7196	
Title : HIGH THROUGHPUT DIRECTED EVOLUTION BY RATIONAL MUTAGENESIS	

MAIL STOP AF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Transmitted herewith is a Response After Final, responsive to the Final Office Action, mailed June 15, 2005, and a return postcard in connection with the above-captioned patent application. Because this Amendment is filed within three months of the Office Action, no fee should be due. However, if it is determined that a fee is due, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1050 for the appropriate fee as stated below. If a Petition for extension of time is needed, this paper is to be considered such Petition.



The Commissioner is hereby authorized to charge the fee for the extension of time and any other fee that may be due in connection with this and the attached papers or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

Stephanie Seidman
Reg. No. 33,779

Attorney Docket No. 17109-002001/911
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Date of Deposit July 13, 2005
I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Stephanie Seidman



**RESPONSE UNDER 37 CFR §1.116--
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Mail Stop Amendment After Final

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER FINAL

Dear Sir:

Responsive to the Office Action, mailed June 15, 2005, entry of the following amendments and consideration of the following remarks are respectfully requested. It respectfully is submitted that the amendments either place the application into condition for allowance or reduce the issues for appeal. For example, the amendment of claim 1 to recite "individually introducing" obviates the rejection under 35 U.S.C. §102(e); and amendment of the preamble obviates the rejection under 35 U.S.C. §112, second paragraph.

Amendments to the claims are reflected in the listing of the claims, which begins on page 2 of this paper.

Remarks begin on page 9 of this paper.

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Stephanie Seidman